



PTO/SB/17 (10-03)

Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2006

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant Claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$180.00)

Complete if Known

Application Number	10/620,269
Filing Date	July 15, 2003
First Named Inventor	Sandeep BHATT
Examiner Name	Stuart L. Hendrickson
Art Unit	1754
Attorney Docket No.	02077 (3600-395-01)

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit AccountDeposit Account Number
Deposit Account Name

03-0060

Cabot Corporation

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) or any underpayment of fee(s)☐ Charge fee(s) indicated below, except for the filing fee

to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Fee Code	Fee (\$)	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid
	1011	300		2011	150	Utility filing fee	
	1012	200		2012	100	Design filing fee	
	1013	200		2013	100	Plant filing fee	
	1014	300		2014	150	Reissue filing fee	
	1005	200		2005	100	Provisional filing fee	

SUBTOTAL (1) (\$0.00)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent Claims	-20**=	X	
Multiple Dependent	-3**=	X	

Large Entity	Fee Code	Fee (\$)	Small Entity	Fee Code	Fee (\$)	Fee Description
	1202	20		2202	25	Claims in excess of 20
	1201	200		2201	100	Independent claims in excess of 3
	1203	360		2203	180	Multiple dependent claim, if not paid
	1204	200		2204	100	**Reissue independent claims over original patent
	1205	50		2205	25	**Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$0.00)

** or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity	Fee Code	Fee (\$)	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid
	1051	130		2051	65	Surcharge - late filing fee or oath	
	1052	50		2052	25	Surcharge - late provisional filing fee or cover sheet	
	1053	130		1053	130	Non-English specification	
	1812	2,520		1812	2,520	For filing a request for ex parte reexamination	
	1804	920*		1804	920*	Requesting publication of SIR prior to Examiner action	
	1805	1,840*		1805	1,840*	Requesting publication of SIR after Examiner action	
	1251	120		2251	60	Extension for reply within first month	
	1252	450		2252	225	Extension for reply within second month	
	1253	1020		2253	510	Extension for reply within third month	
	1254	1590		2254	795	Extension for reply within fourth month	
	1255	2160		2255	1080	Extension for reply within fifth month	
	1401	500		2401	250	Notice of Appeal	
	1402	500		2402	250	Filing a brief in support of an appeal	
	1403	1000		2403	500	Request for oral hearing	
	1451	1510		1451	1,510	Petition to institute a public use proceeding	
	1452	500		2452	250	Petition to revive - unavoidable	
	1453	1500		2453	750	Petition to revive - unintentional	
	1501	1400		2501	700	Utility issue fee (or reissue)	
	1502	800		2502	400	Design issue fee	
	1503	1100		2503	550	Plant issue fee	
	1460	130		1460	130	Petitions to the Commissioner	
	1807	50		1807	50	Processing fee for provisional applications	
	1806	180		1806	180	Submission of Information Disclosure Stmt	180.00
	8021	40		8021	40	Recording each patent assignment per property (times number of properties)	
	1809	790		2809	395	Filing a submission after final rejection (37 CFR 1.129(a))	
	1810	790		2810	395	For each additional invention to be examined (37 CFR 1.129(b))	
	1801	790		2801	395	Request for Continued Examination (RCE)	
	1802	900		1802	900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$180.00)

SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	Luke A. Kilyk	Registration No. (Attorney/Agent)	33,251	Telephone	1-540-428-1701
Signature				Date	July 20, 2006

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Date: July 20, 2006 Label No. EV908959711US. I hereby certify that, on the date indicated above, I deposited this paper with identified attachments and/or fee with the U.S. Postal Service and that it was addressed for delivery to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 by "Express Mail Post Office to Addressee" service.

Kim Blum / Joan Bonsignore
Name (Print)

Signature



Date: July 20, 2006 Label No. EV908959711US I hereby certify that, on the date indicated above, I deposited this paper with identified attachments and/or fee with the U.S. Postal Service and that it was addressed for delivery to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 by "Express Mail Post Office to Addressee" service.

Kim Blum/Jean Bonignone *Jean Bonignone*
Name (Print) Signature

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: BHATT)
Application Number: 10/620,269) Examiner: Stuart L. Hendrickson
Filed: July 15, 2003) Group Art Unit: 1754
Docket No.: 02077 (3600-395-01)) Confirmation No.: 8766

For: CARBON BLACKS AND USES THEREOF

SECOND SUPPLEMENTAL INFORMATION DISCLOSURE
STATEMENT PURSUANT TO 37 CFR 1.97(c)

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

July 20, 2006

Sir:

The attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached Form PTO-SB-08. Pursuant to the current United States Patent and Trademark Office rules, no copies of U.S. Patents/Patent Application Publications are provided.

This Information Disclosure Statement is being submitted after expiration of the three-month period following filing of the above-captioned application, but before any Final Office Action or Notice of Allowance.

The above information is presented so that the Patent and Trademark Office can, in the first instance, determine any materiality thereof to the claimed invention. See 37 CFR 1.104(a) and 1.106(b) concerning the PTO duty to consider and use any such information. It is respectfully requested that the information be expressly considered during the prosecution of this application,

07/24/2006 RHEBRAHT 00000005 030060 10620269
01 FC:1806 180.00 DA

Second Supplemental Information Disclosure Statement
U.S. Patent Application No. 10/620,269

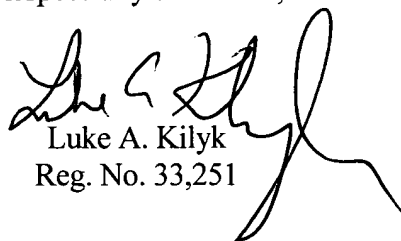
and that the documents cited in the attached Form PTO-SB-08 be made of record therein and appear on the first page of any patent to issue therefrom.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claim in this application and applicant determines that the cited documents do not constitute "prior art" under United States law, applicant reserves the right to present to the office the relevant facts and law regarding the appropriate status of such documents.

Applicant further reserves the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

Please charge the fee of \$180.00 to Deposit Account No. 03-0060. If there are any other fees due in connection with the filing of this response, please charge the fees to Deposit Account 03-0060.

Respectfully submitted,



Luke A. Kilyk
Reg. No. 33,251

Atty. Docket No. 02077 (3600-395-01)
KILYK & BOWERSOX, P.L.L.C.
400 Holiday Court, Suite 102
Warrenton, VA 20186
Tel: (540) 428-1701
Fax: (540) 428-1720
Enclosures: PTO/SB/08 w/33 Documents



INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	10/620,269
				Filing Date	July 15, 2003
				First Named Inventor	Sandeep BHATT
				Art Unit	1754
				Examiner Name	Stuart L. Hendrickson
Sheet	1	of	2	Attorney Docket Number	02077 (3600-395-01)

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		US-3,963,647	06/15/1976	Straub	
		US-5,113,058	05/12/1992	Srubas et al.	
		US-4,038,042	07/26/1977	Adelman	
		US-3,379,673	04/23/1968	Rossman et al.	
		US-4,337,181	06/29/1982	Otey et al.	
		US-4,071,679	01/31/1978	Uraneck et al.	
		US-5,143,649	09/01/1992	Blackledge et al.	
		US-5,113,058	05/12/1992	Srubas et al.	
		US-4,980,541	12/25/1990	Shafe et al.	
		US-4,727,383	02/23/1988	Hill, III	
		US-5,321,072	06/14/1994	Misono	
		US-5,587,417	12/24/1996	Nakane et al.	
		US-5,124,396	06/23/1992	Branan, Jr., et al.	
		US-			
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
		WO 91/15425	10/17/1991	Cabot Corporation		
		DE 3815538 A1	11/16/1989	Hoechst AG		
		WO 90/03651	04/05/1990	Raychem Corporation		
		WO 89/01502	02/23/1989	Eastman Kodak Co.		
		WO 91/15425	10/17/1991	Cabot Corporation		
		DE 4037724 A1	6/20/1991	Princeton Biomeditech Corp.		
		DE 2113425	09/28/1972	Deutsche Gold-und Silber-Scheideanstalt vormals Roessler		
		EP 0 384 080	08/29/1990	Columbian Chemicals Co.		
		EP 1 114 848	07/11/2001	Cabot Corporation		
Examiner Signature				Date Considered		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached. Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/620,269
				Filing Date	July 15, 2003
				First Named Inventor	Sandeep BHATT
				Art Unit	1754
				Examiner Name	Stuart L. Hendrickson
				Attorney Docket Number	02077 (3600-395-01)
Sheet	2	of	2		

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date page(s), volume-issue number(s), publisher, city, and/or country where published.	T ²
		Communication of a Notice of Opposition from European Patent Office dated June 6, 2005 and English translation of Opposition filed by Degussa AG on May 10, 2005 in European Patent No. 1 114 848	
		Response to Official Communication from European Patent Office dated June 24, 2005, and to the Opposition lodged by Degussa AG on May 10, 2005 for European Patent No. 1 114 848 filed on March 8, 2006.	
		ASTM Designation: D 1765-91a "Standard Classification System for Carbon Blacks Used in Robber Products"	
		Test Report IRB3 (referenced in Degussa Opposition as D2)	
		ASTM Designation: D 3324-92 "Standard Practice for Carbon Black -- Improving Test Reproducibility Using ASTM Reference Blacks"	
		Test Report IRB3 (referenced in Degussa Opposition as D4)	
		J.M. Huber Corp., "Carbon Blacks for Rubber," July 1989 (6 pgs.)	
		Lee, Kenneth W., "Affidavit: Test Methods for July 1989 'Carbon Blacks for Rubber' Brochure of J.M. Huber Corp.," dated March 1, 2005 with copy of front cover and contents page from ASTM Standards on Carbon Black.	
		Donet et al., "Carbon Black," SCIENCE AND TECHNOLOGY, 2 nd edition, 1993, pp. 133 and 169.	
		Columbian Chemicals Co., article on Industrial Carbon Blacks dated October 1995 (6 pages)	
		Schubert et al., "Carbon Black," Encyclopedia of Industrial Chemical Analysis, Vol. 8, 1969, pages 163, 186-187, and 243 (6 pages)	
		Cabot FarbruBe fur Druckfarben, Lacke & Farben, Kunststoffe und Papier, Oct. 1982 (8 pages) (referenced in Degussa Opposition as D12)	
		Carbon Black Yearbook No. 45, Tokai Carbon Co., Ltd., 1995 (referenced in Degussa Opposition as D13)	
		Mitsubishi Carbon Black, January 1982 (4 pages) (referenced in Degussa Opposition as D14)	
		Test Report Printex 3 (referenced in Degussa Opposition as D16a)	
		Test Report Printex 30 (referenced in Degussa Opposition as D16b)	
		Test Report Printex 40 (referenced in Degussa Opposition as D16c)	
		Certificate of Analysis Printex 3 (referenced in Degussa Opposition as D17a)	
		Delivery Card Index 1993/94 Printex 3 (referenced in Degussa Opposition as D17b)	
		Certificate of Analysis/Works Order Printex 30 (referenced in Degussa Opposition as D17c)	
		Delivery Card Index 1993 Printex 30 (referenced in Degussa Opposition as D17d)	
		Certificate of Analysis/Works Order Printex 40 (referenced in Degussa Opposition as D17e)	
		Bulletin Pigmente, No. 7, Degussa, Sept. 1995 (referenced in Degussa Opposition as D29)	
		ASTM Designation: D 3192-96a "Standard Test Methods for Carbon Black Evaluation in NR (Natural Rubber)"	
Examiner Signature		Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached. Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.